

49 FR 48807

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FEDERAL REGISTER

49 FR 48807

December 14, 1984

National Toxicology Program; Chemicals (8) Nominated for Toxicological Testing; Request for Comments
ACTION: Notice.

SUMMARY: On October 25, 1984, the Chemical Evaluation Committee (CEC) of the **National Toxicology Program** (NTP) met to review eight chemicals nominated for toxicology testing and to recommend the types of testing to be performed. With this notice, the NTP solicits public comment on the eight chemicals listed herein.

FOR FURTHER INFORMATION CONTACT: For Further Information and Submission of Comments, Contact: Dr. Victor A. Fung, Chemical Selection Coordinator, **National Toxicology Program**, Room 2B55, Building 31, National Institutes of Health, Bethesda, Maryland 20205, (301) 496-3511.

TEXT: SUPPLEMENTARY INFORMATION: As part of the chemical selection process of the National Toxicology Program, nominated chemicals which have been reviewed by the NTP Chemical Evaluation Committee (CEC) are published with request for comment in the Federal Register and *NTP Technical Bulletin*. This is done to encourage individuals and groups to participate in the NTP chemical evaluation process thereby helping the NTP to make more informed decisions as to whether to select, defer or reject chemicals for toxicology study.

Comments and data submitted in response to this request are reviewed and summarized by NTP technical staff, are forwarded to the NTP Board of Scientific Counselors for an evaluation of the nominated chemicals, and then to the NTP Executive Committee for its decision-making about testing. The NTP chemical selection process is summarized in the Federal Register, April 14, 1981 (46 FR 21818), and also in the NTP FY 1984 Annual Plan, pages 185-186.

Chemical	CAS No.	Committee recommendation
1. Carbenoxolone	5697-56-3	No testing.
2. Dimethyl- heptylpyran	32904-22-6	Genotoxicity testing.
3. Emodin	518-82-1	Chemical disposition; Teratogenicity; Carcinogenicity.
4. 5-Methoxypsoralen	484-20-8	Oral photocarcino- genicity.
5. Phencyclidine	656-90-1	No testing.
6. 2,6-Xylidine	87-62-7	Inhalation carcinogenicity.
7. Malathion	121-75-5	Male reproductive effects.
8. Picloram	1918-02-1	No testing.

Three of the eight chemicals, 2,6-xylidine, malathion, and picloram, were previously selected for some type of testing by the NTP. 2,6-xylidine was judged to be positive in an NTP feeding carcinogenicity test in Charles River CD rats. When tested by the NTP, it was negative in the *Salmonella* assay, and positive for chromosomal aberrations and sister chromatid exchanges in Chinese hamster ovary cells. Malathion was judged to be negative in NCI/NTP carcinogenicity studies in Osborne-Mendel rats, Fischer 344 rats and B6C3F1 mice by the oral route. The NTP is currently testing malathion in the mouse lymphoma assay. Picloram yielded equivocal results in an NCI/NTP feeding carcinogenicity study on Osborne-Mendel rats and B6C3F1 mice. In studies conducted by the NTP, picloram was negative in the *Salmonella*

assay, negative in *Drosophila* for sex-linked recessive lethal mutations, and positive for chromosomal aberrations and sister chromatid exchanges in Chinese hamster ovary cells.

The CEC also selected sixteen xerography chemicals for testing in the *Salmonella* assay. These compounds were nominated by the Environmental Protection Agency.

Interested parties are requested to submit pertinent information. The following types of data are of particular relevance:

- (1) Completed, ongoing and/or planned toxicological testing in the private sector including detailed experimental protocols and, in the case of completed studies, resultant data.
- (2) Modes of production, present production levels, and occupational exposure potential.
- (3) Uses and resulting exposure levels, were known.
- (4) Results of toxicological studies of structurally related compounds.

Please submit all information in writing by (thirty days after date of publication). Any submissions received after the above date will be accepted and utilized where possible.

Dated: December 10, 1984.

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Director, National Toxicology Program.

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